



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Saturday, June 20, 2015

Issued: 0800 CT

**Day 1 Hazards:** No significant weather hazards.

**River Flood Hazards:** Major river flooding is occurring or forecast to occur along the Red River in North TX/Southern OK. Major river flooding continues at Liberty on the Trinity River in SE TX.

National Weather Service

Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



Prepared by: Jennifer McNatt  
817-978-1100 x 147

# Key Points



## River Flood Situation

- Major river flooding is occurring or forecast to occur along the Red River in North TX / Southern OK
  - Red River at Gainesville crested Friday with water almost reaching the I-35 bridge
  - Red River at Arthur City is forecast to reach major flood stage by Monday, and crest mid week around 34 feet. The highest crest during the recent flooding at Arthur City was 36.99 ft on May 31.
- Major river flooding is also occurring along the Washita River in Oklahoma. Washita and Red Rivers flow into Lake Texoma. Lake Texoma has gone over the spillway and is forecast to continue rising over the next few days to levels that were recently seen in the May floods
  - Impacts to residences downstream may be similar to what was experienced previously in late May / early June

## Today through Wednesday

- Scattered showers and storms possible each day across the Region, but significant weather and/or impacts are not expected

## Tropical Outlook

- Tropical cyclone formation is not expected during the next 5 days

# \*FEMA Region 6 Threat Matrix

Jun 20, 2015 - Jun 24, 2015

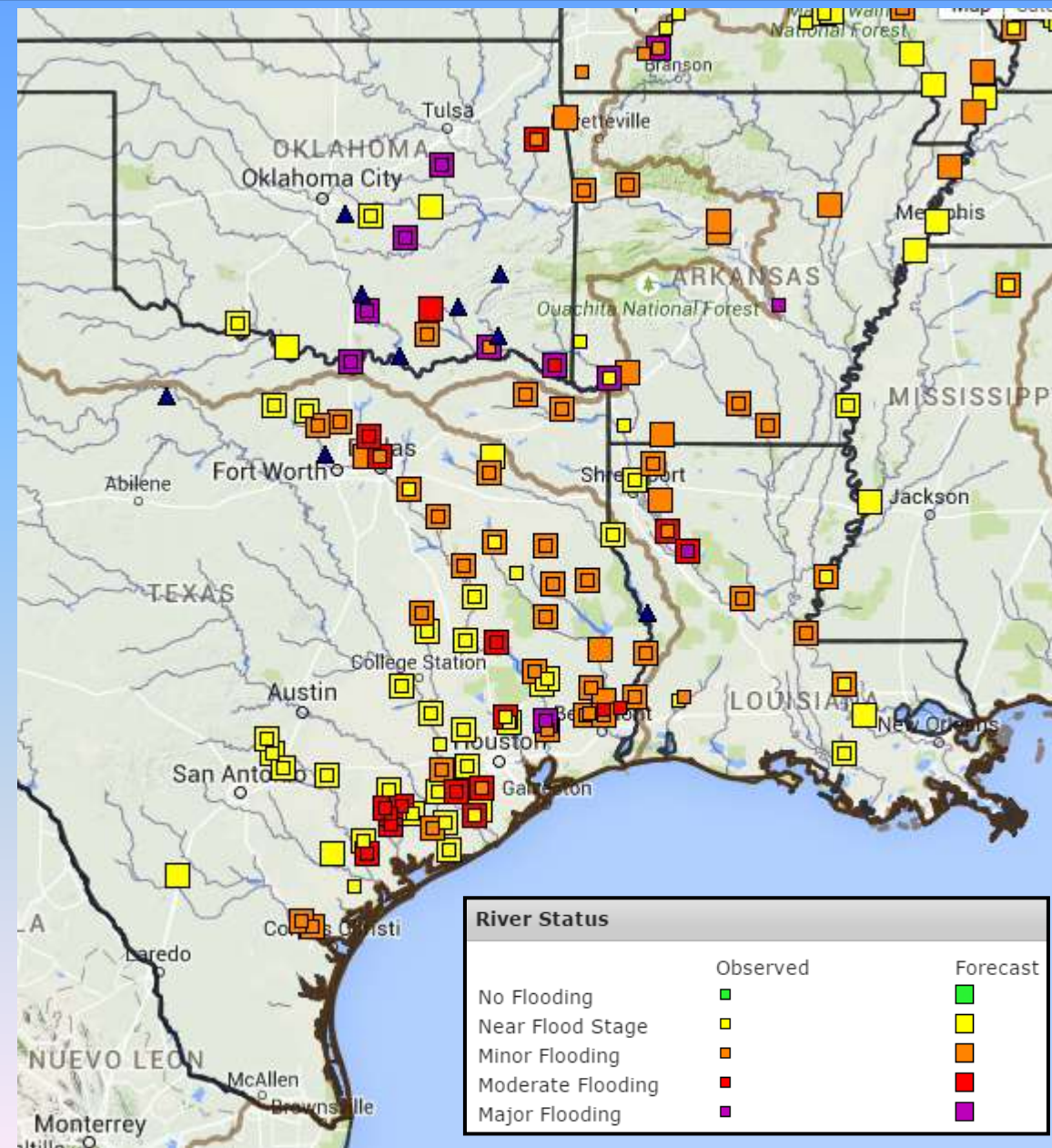
DAY/ THREAT	SAT	SUN	MON	TUE	WED
Severe Storms					
Heavy Rain /Flash Flooding					
Tropical					
River Flooding	E TX, E OK, NW LA, SW AR				

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*We are experimenting with a new color scale to the left as of April 13<sup>th</sup>. Please provide feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov). See next slide for more details.*



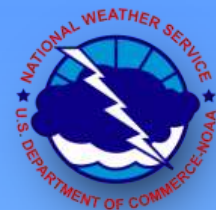
# Current River Status / Near Term Forecast



- Several rivers in OK are in major flood stage, but have or are cresting and will begin falling today
- The Red River at Gainesville has crested and will continue a slow fall
- The Red River downstream of Lake Texoma will continue to rise in the next week
  - Lake Texoma forecast to reach near record pool stages in the next 3 days
  - When it does, we'll have a better understanding of what it might do to points downstream (ie – Shreveport)
- The Trinity will remain in Minor/Moderate (Major at Liberty) Flood Stage this week



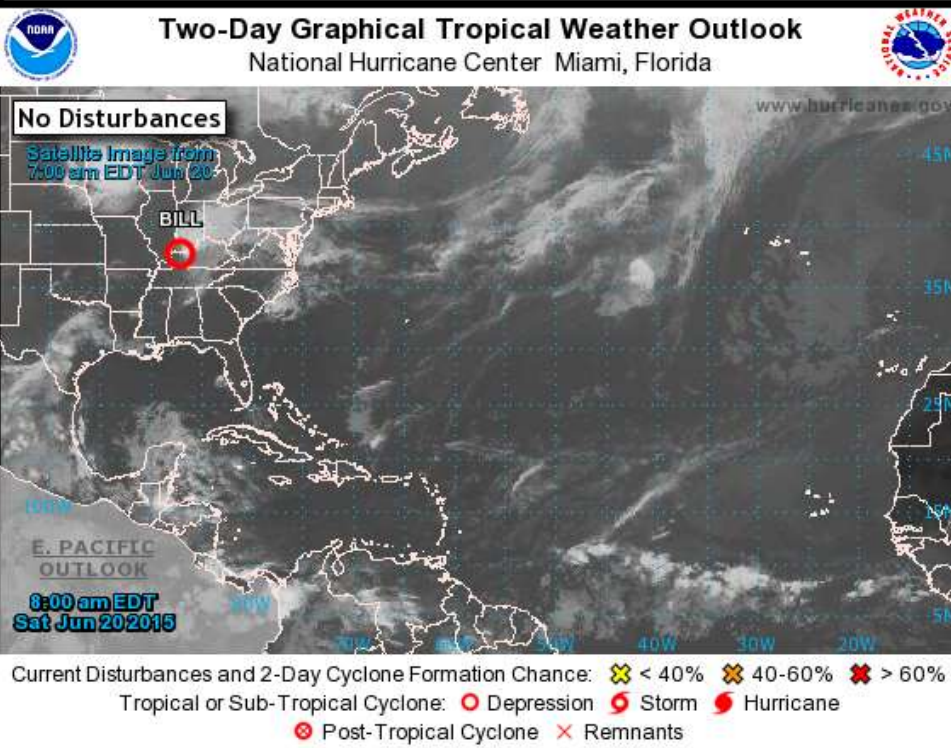
**We are experimenting with a new color scale in these briefings, starting on April 13<sup>th</sup>. The criteria is below, please provide your feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov) and we plan to re-evaluate in the coming months.**



**Weather "Threat" Matrix**

Color	Definition	Criteria	Example(s)
<b>Green</b>	<b>Very Common – Happens Often</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
<b>Yellow</b>	<b>Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
<b>Orange</b>	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> </ul>
<b>Red</b>	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> </ul>
<b>Purple</b>	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

# Atlantic/Gulf Tropical Weather Outlook

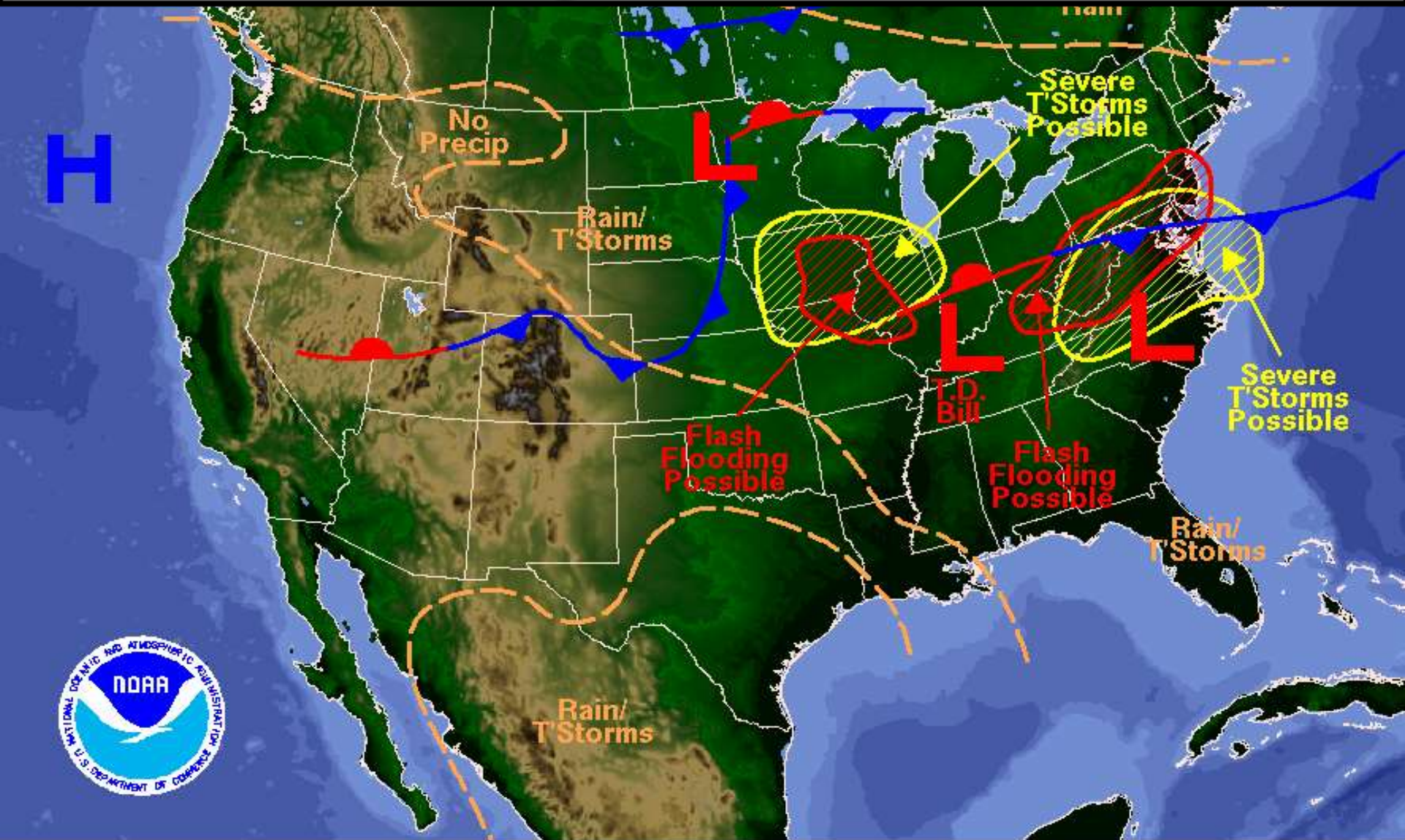


Tropical cyclone formation is not expected during the next five days.





# Today's Weather



Weather Forecast for Sat, Jun 20, 2015, issued 4:25 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

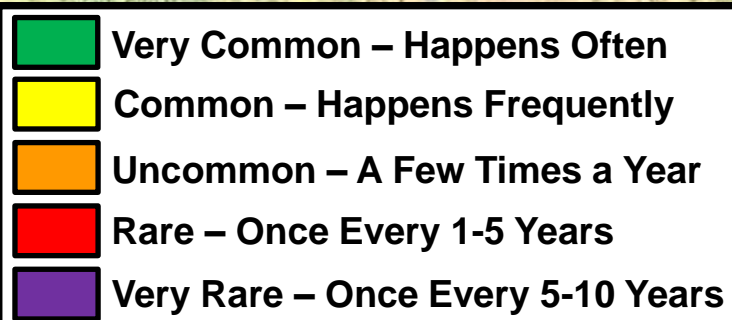


# Day 1 Weather Hazards

**Valid: 0800 Sat - 0800 Sun**



**No significant weather  
expected**

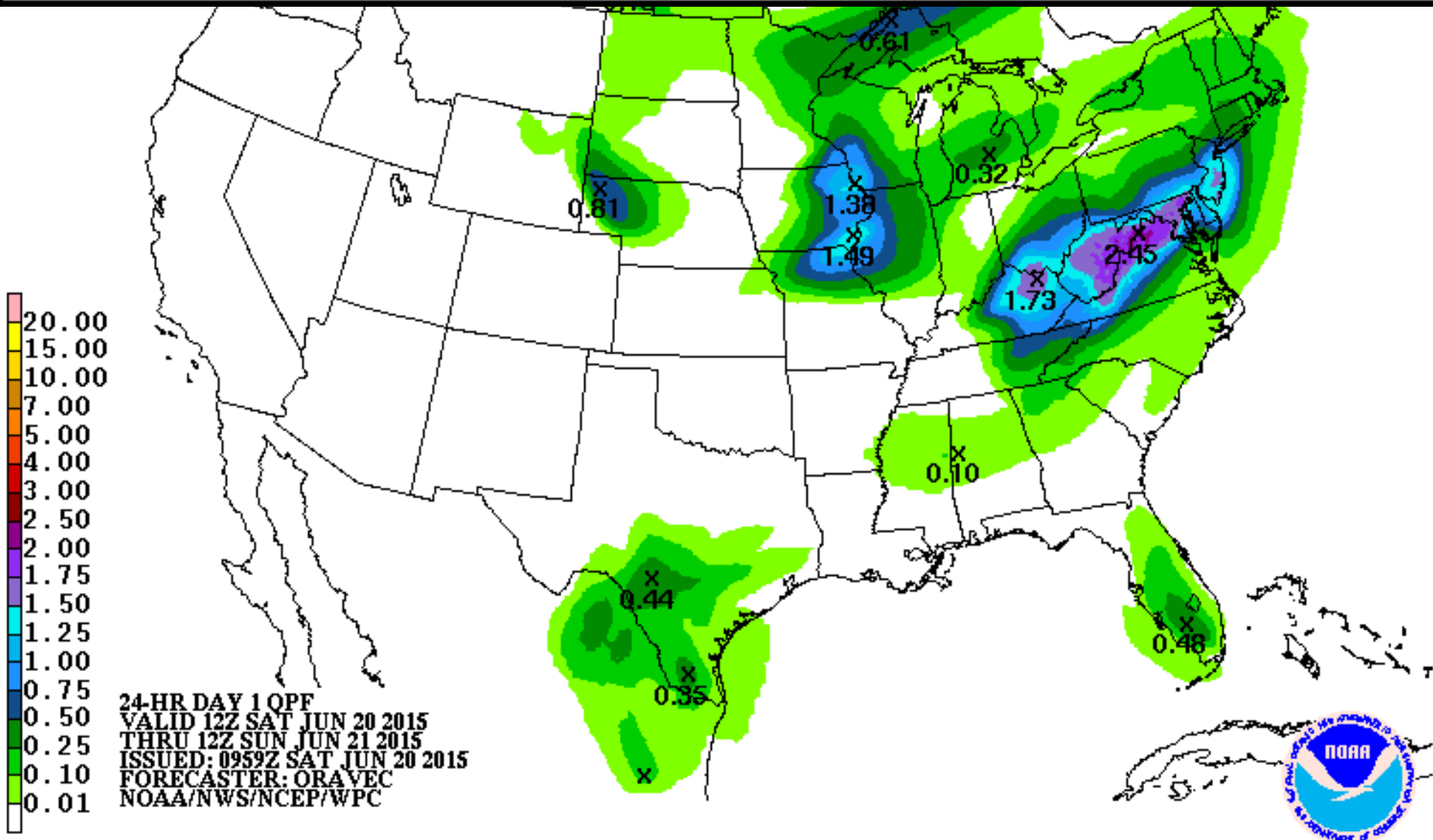


**\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**

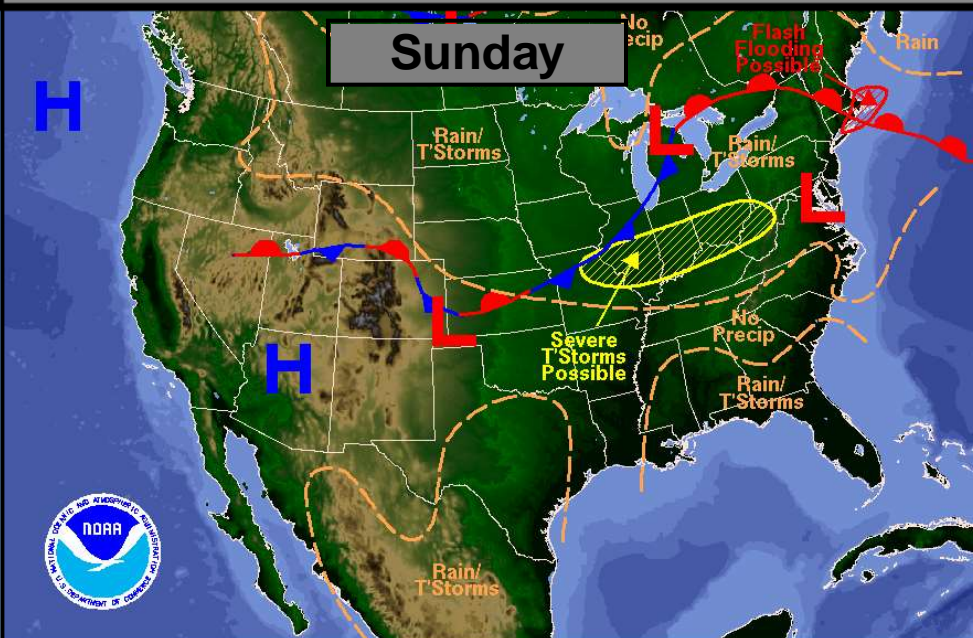


# Today's Precipitation

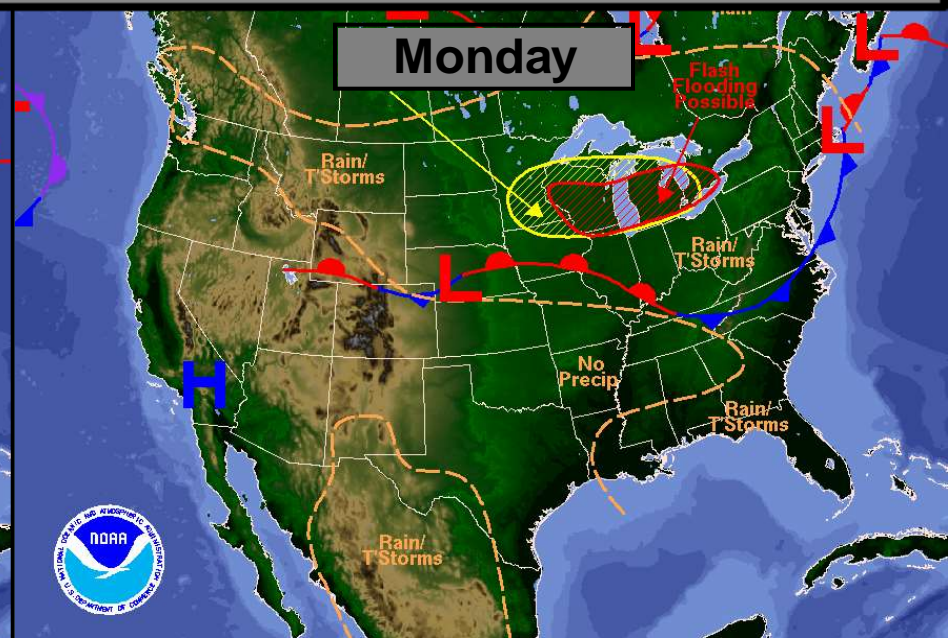
## Sat AM - Sun AM



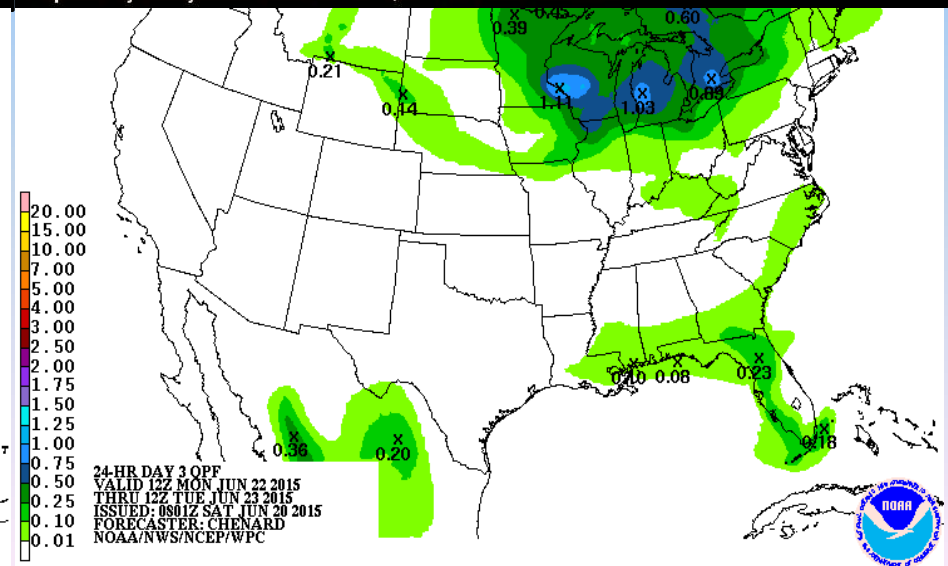
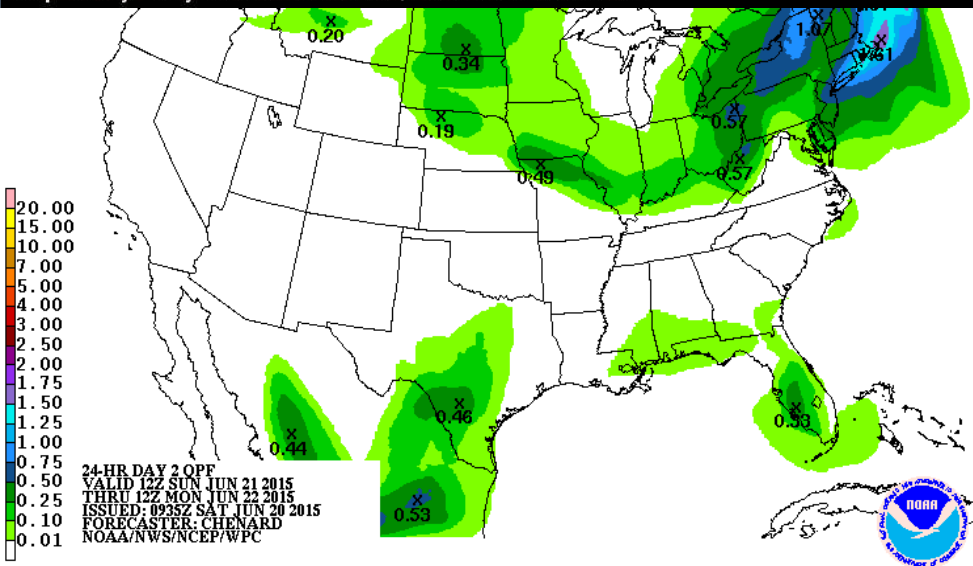
# Day 2-3 Weather Maps/Precipitation



Weather Forecast for Sun, Jun 21, 2015, issued 4:35 AM EDT Sat, Jun 20, 2015  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts



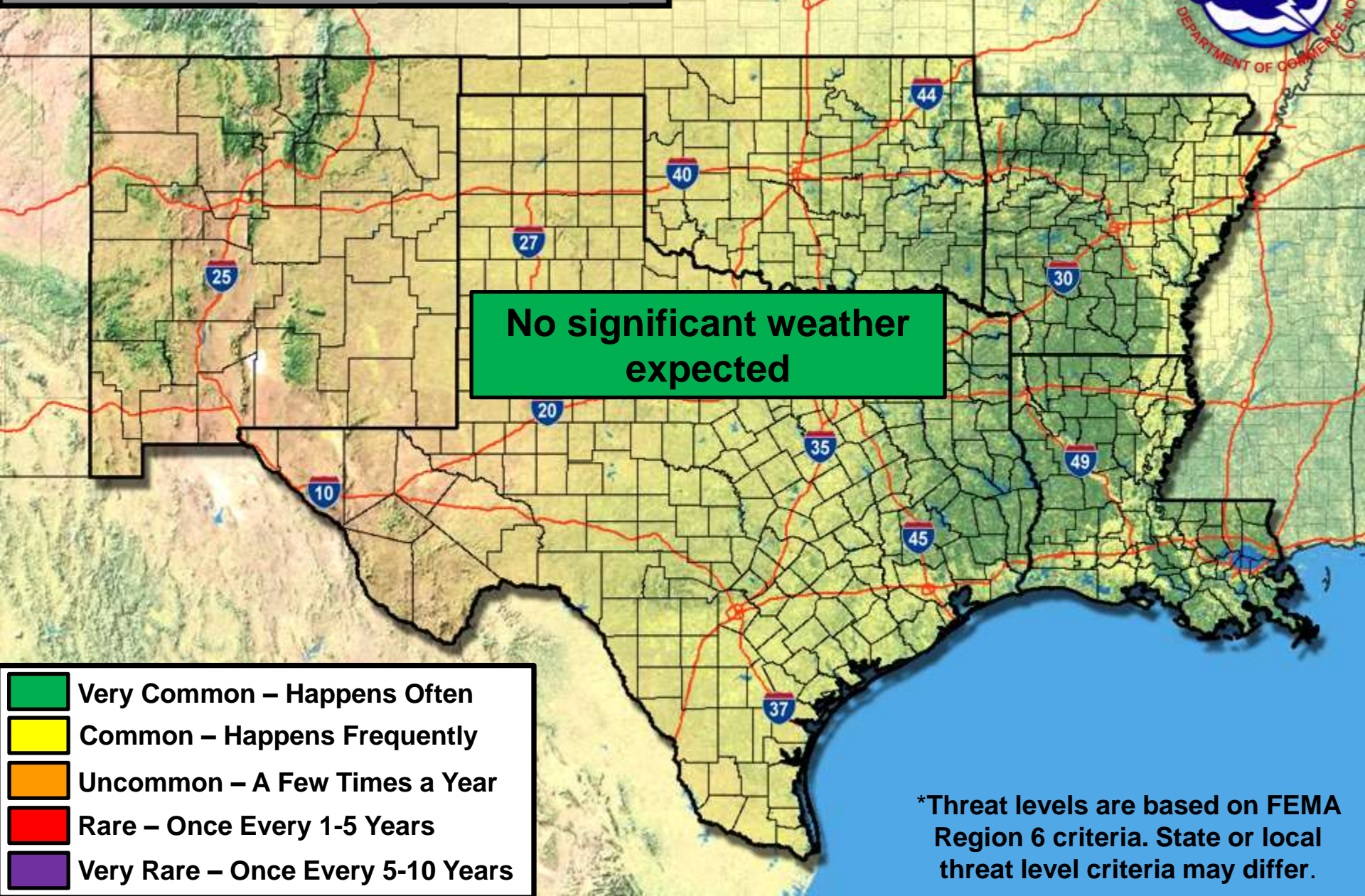
Weather Forecast for Mon, Jun 22, 2015, issued 4:45 AM EDT Sat, Jun 20, 2015  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts










# Day 2-3 Weather Hazards

Valid: 0800 Sun - 0800 Tue



No significant weather expected

-  Very Common – Happens Often
-  Common – Happens Frequently
-  Uncommon – A Few Times a Year
-  Rare – Once Every 1-5 Years
-  Very Rare – Once Every 5-10 Years

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# Day 4-5 Weather Hazards

Valid: 0800 Tue - 0800 Thu



No significant weather  
expected

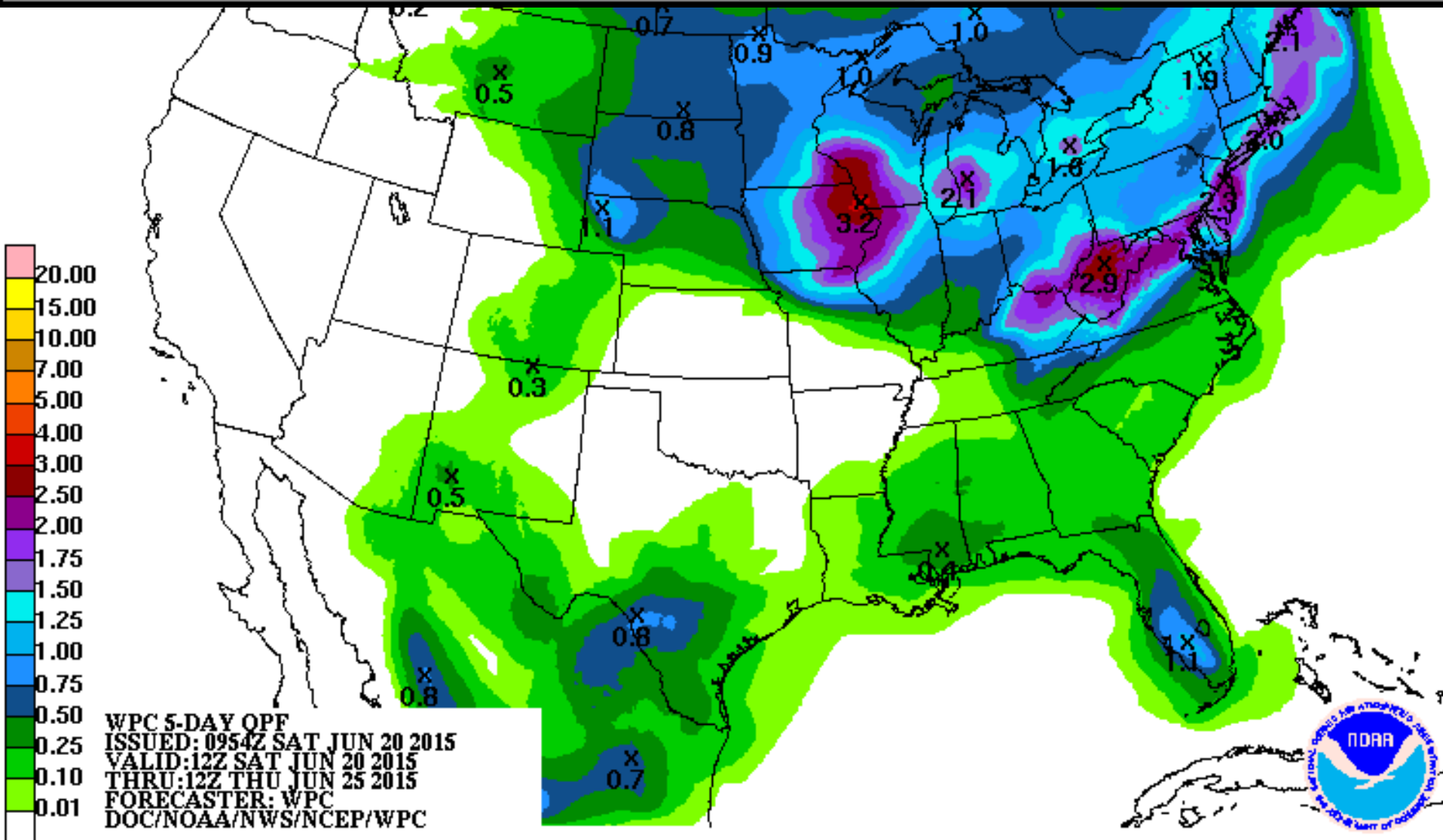


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# 5-Day Precipitation

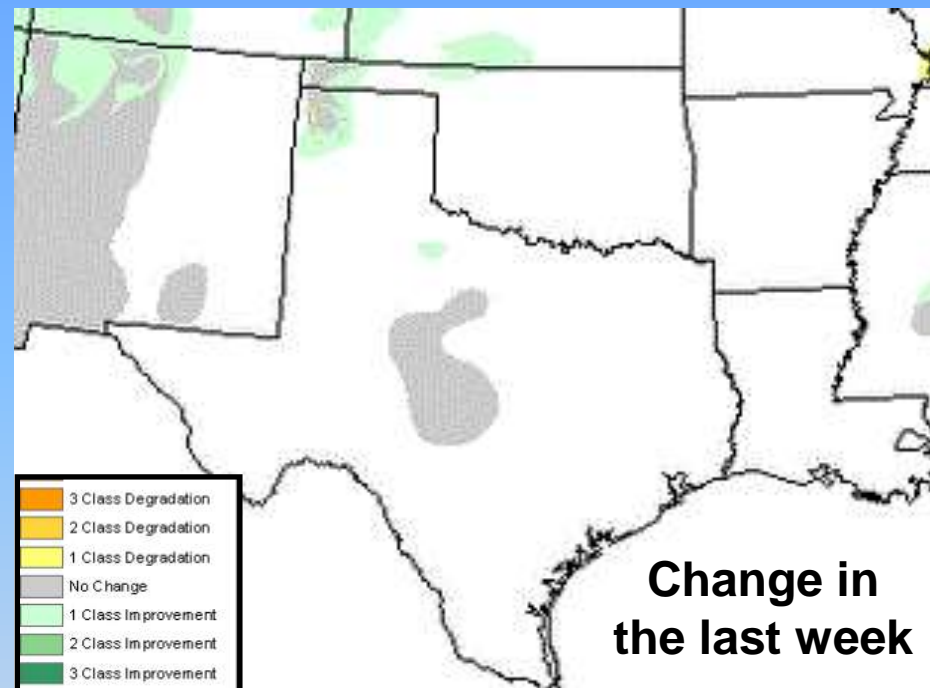
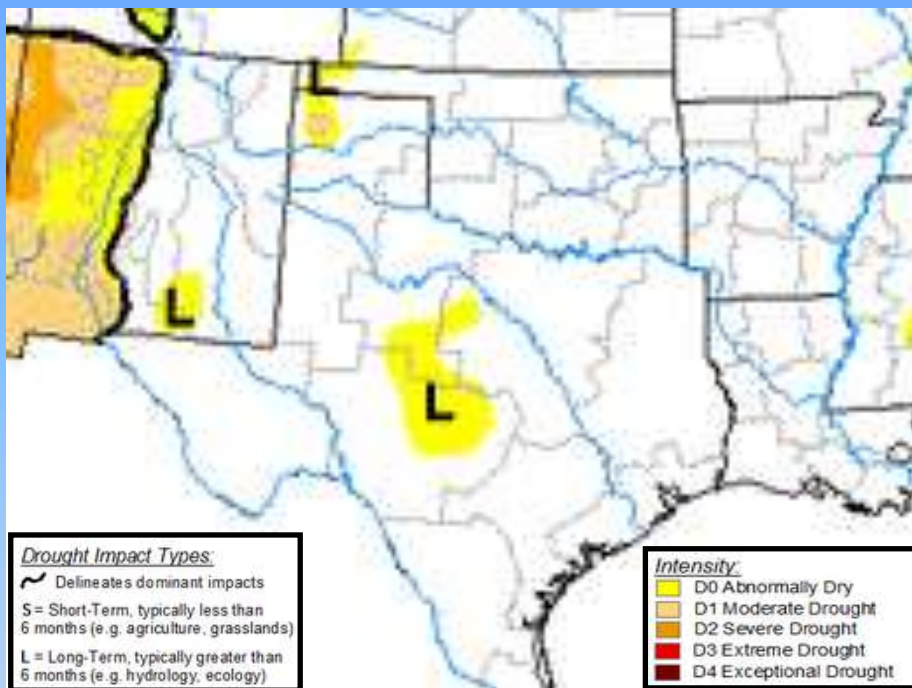
## Sat AM - Thu AM





# Drought Monitor Released June 18th, 2015

Data valid as of Tuesday, June 16th, 2015 at 7AM EST



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	31.72%	48.47%
Texas	0.00%	0.00%	14.48%	21.50%
New Mexico	0.00%	0.00%	0.00%	29.24%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%



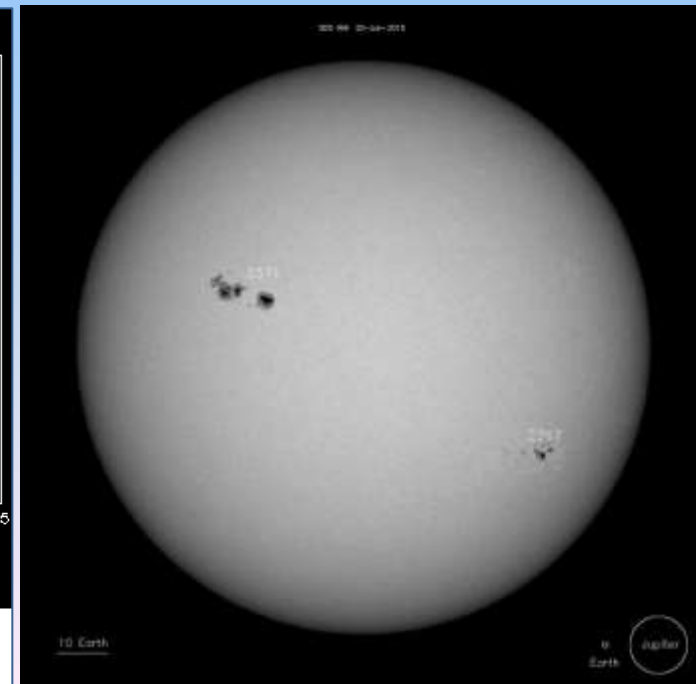
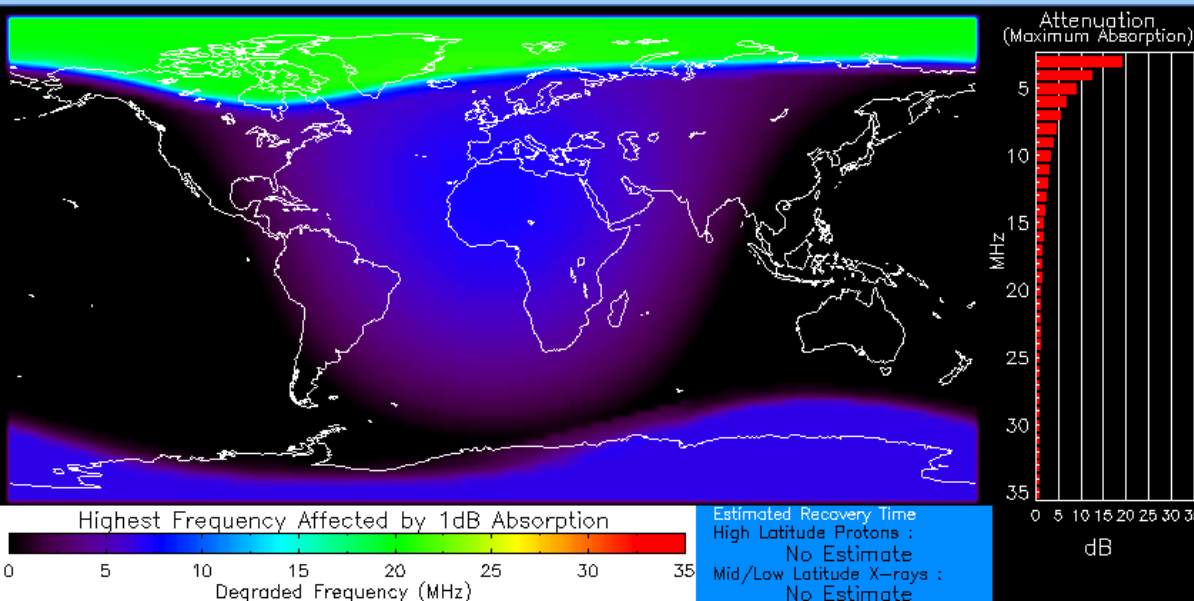
# Space Weather 3-Day Forecast



	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	80%	60%	60%
Radio Blackout (R1-R2)	70%	60%	60%
Radio Blackout (R3-R5)	15%	10%	10%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



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Product Valid At : 2015-06-20 11:59 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (817) 978-1100 x147

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